

Minor Flooding Forecast and Ice Jam Flooding Is Occurring

Decision Support Briefing #2
As of:
Noon, January 12, 2018

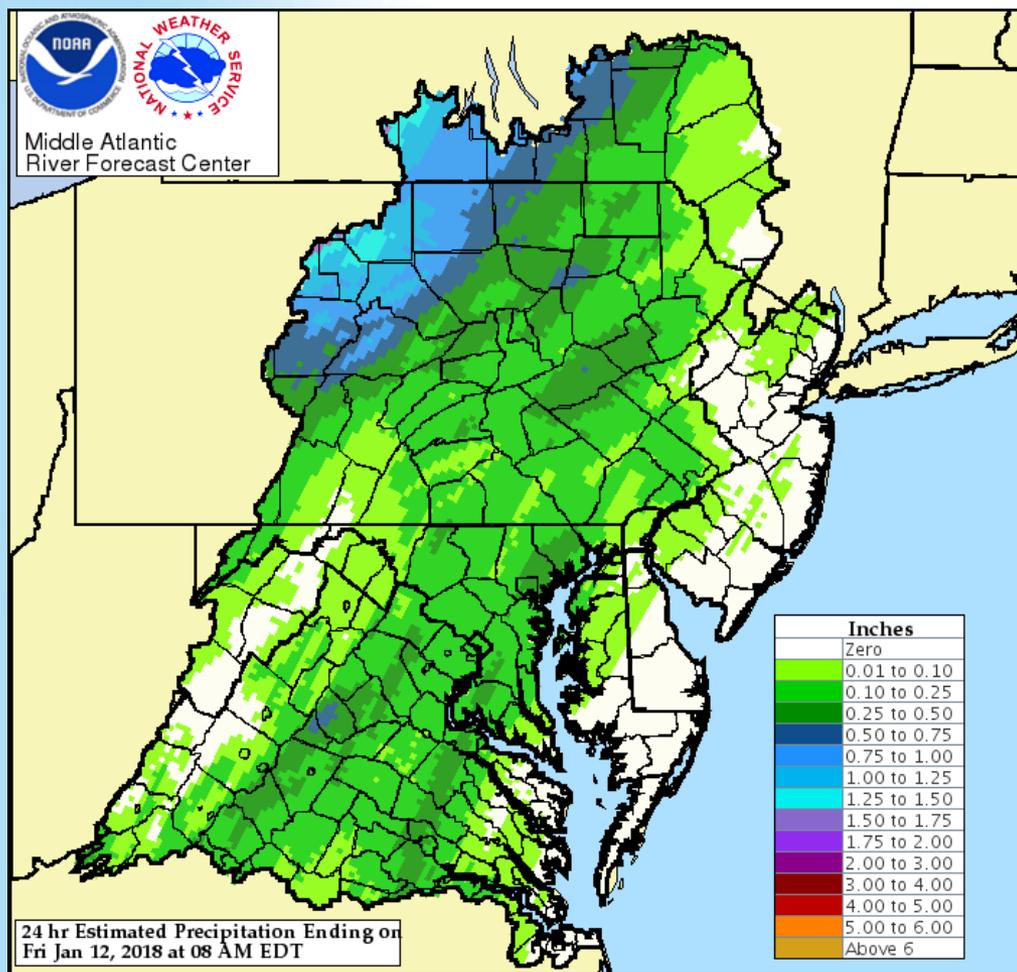


What Has Changed?

- ✓ *Minor flooding now forecast for Cortland*

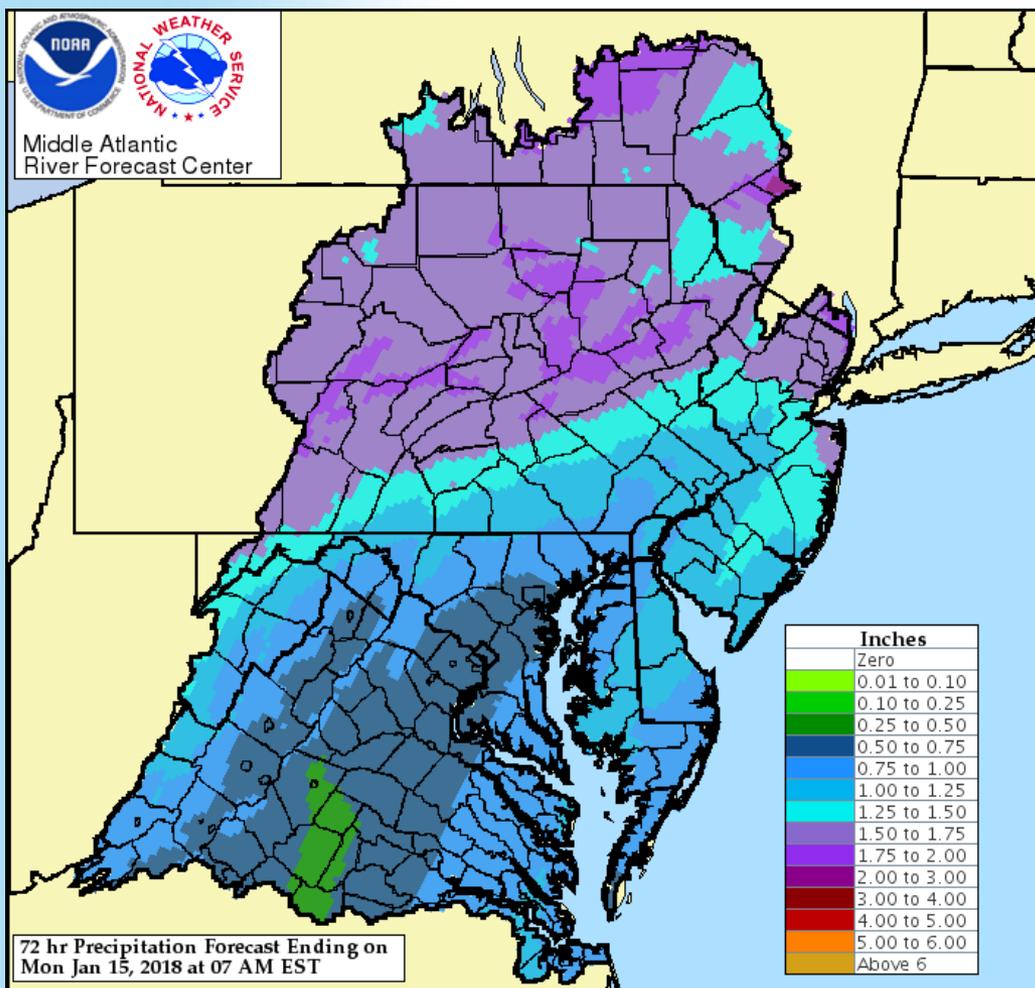
HAZARD:	Minor River Flooding and Ice Jam Flooding
IMPACTS:	<p>Minor flooding forecast at Cortland, NY. Minor flooding means impacts to secondary roadways.</p> <p>Where Ice Jams occur, larger pieces of ice may damage structures along riverbanks and sudden, dangerous rising water and localized flooding can occur near the jam.</p>
LOCATION:	<p>Minor flooding at Cortland, NY.</p> <p>Flooding due to the combined effects of rising water, ice movement, and jams is possible from central New York through northern Pennsylvania and into Northern New Jersey. Mainstem flooding is not a concern in Northern NJ.</p> <p>As of 11 am, ice impacts have started showing up in the Chenango and Cohocton basins.</p>
TIMING:	<p>Precipitation will continue in much of the area through mid-day Saturday; however, rain will be transitioning to snow from west to east starting Friday evening.</p>
CONFIDENCE:	<p>High confidence of at least minor flooding at Cortland, NY. River rises of several feet along with warm temperatures on Friday are likely to cause ice movement. This makes ice jams likely; however, the location and severity if ice jams is highly uncertain. Flood impacts from jams are more likely on smaller rivers .</p>
NOTES:	<p>This briefing primarily covers river flooding. There is an additional risk of small stream flooding as well as urban and other poor drainage flooding.</p>

Observed Precipitation



- Precipitation of up to 1.5 inches fell between 8 am Thursday Jan 11 and 8 am Friday Jan 12.

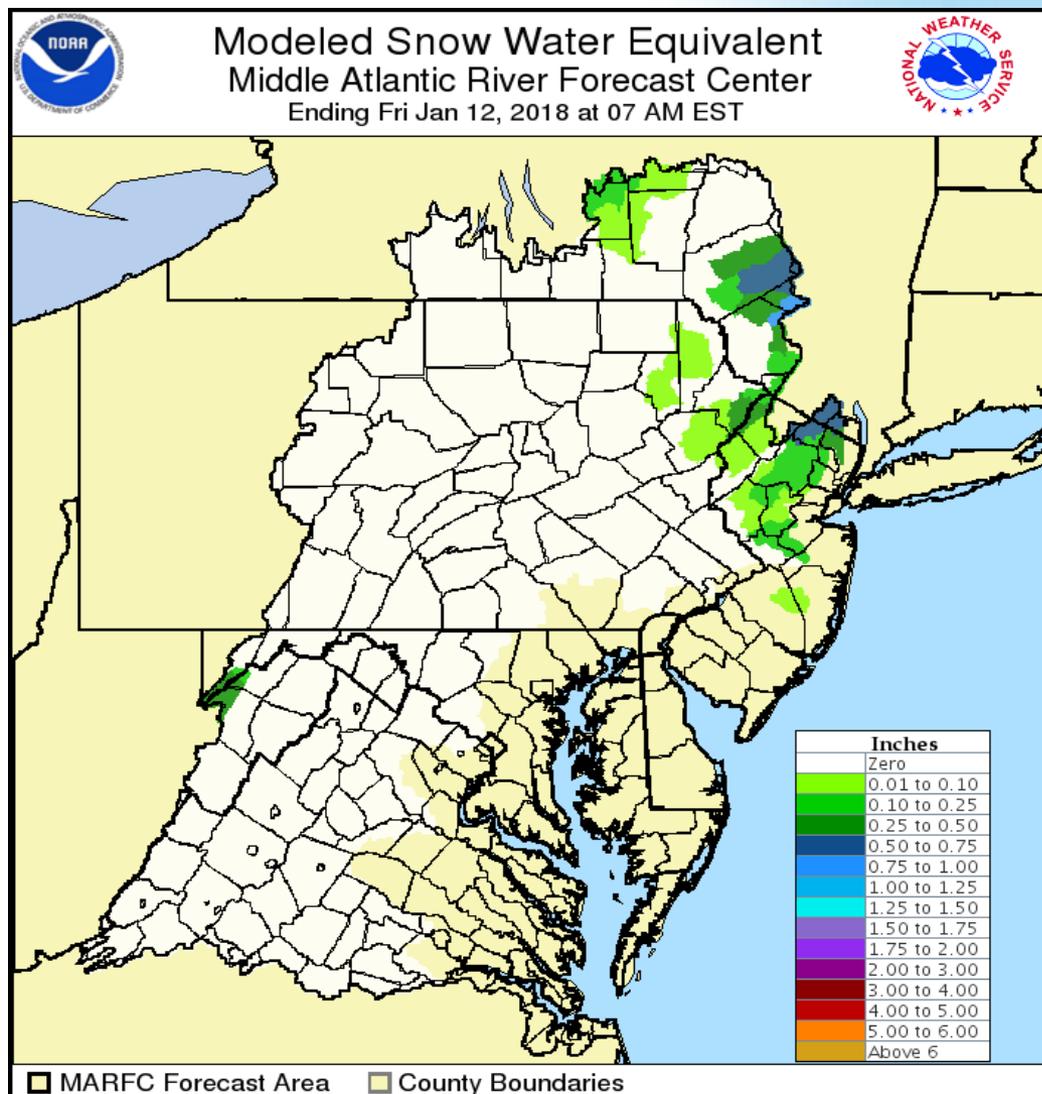
Forecast Precipitation



- Precipitation will be changing over to snow from west to east starting Friday evening.
- In South-Central NY, 0.5 – 1 inch of rain expected before change to snow.

Snow Pack Conditions

- Most areas have less than an inch of water remaining in the snow pack; however, soils are wet due to recent rain and snow melt.

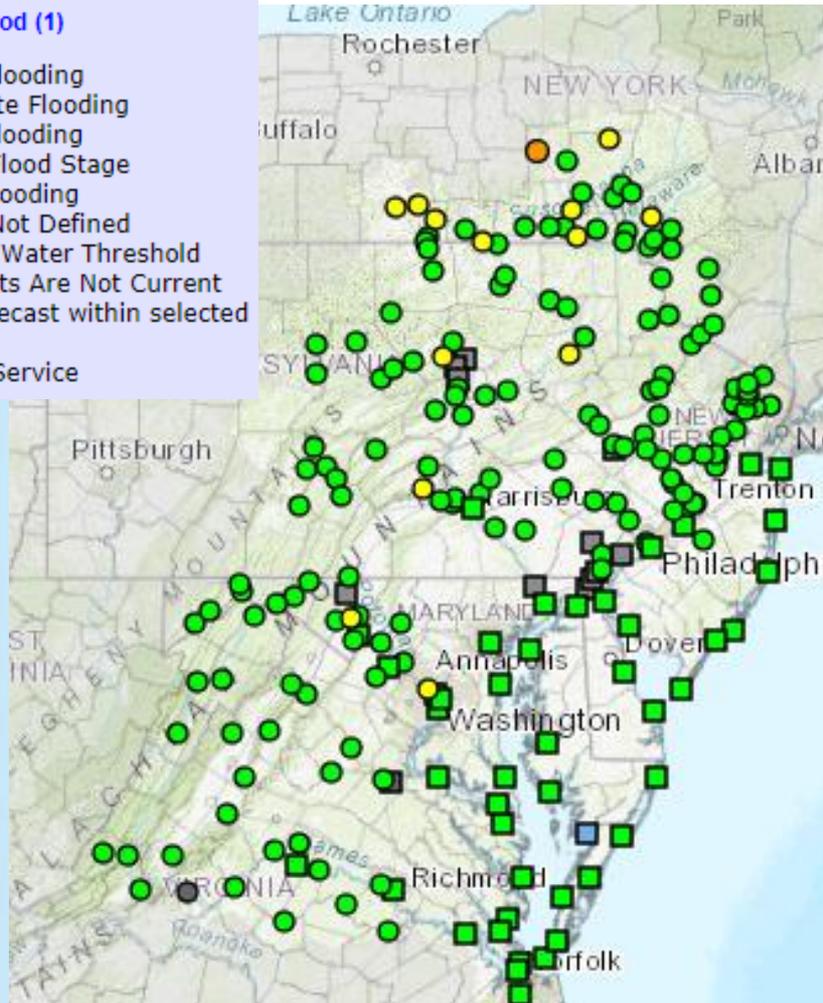


RFC River Forecasts

219 total gauges

Show all locations in flood (1)

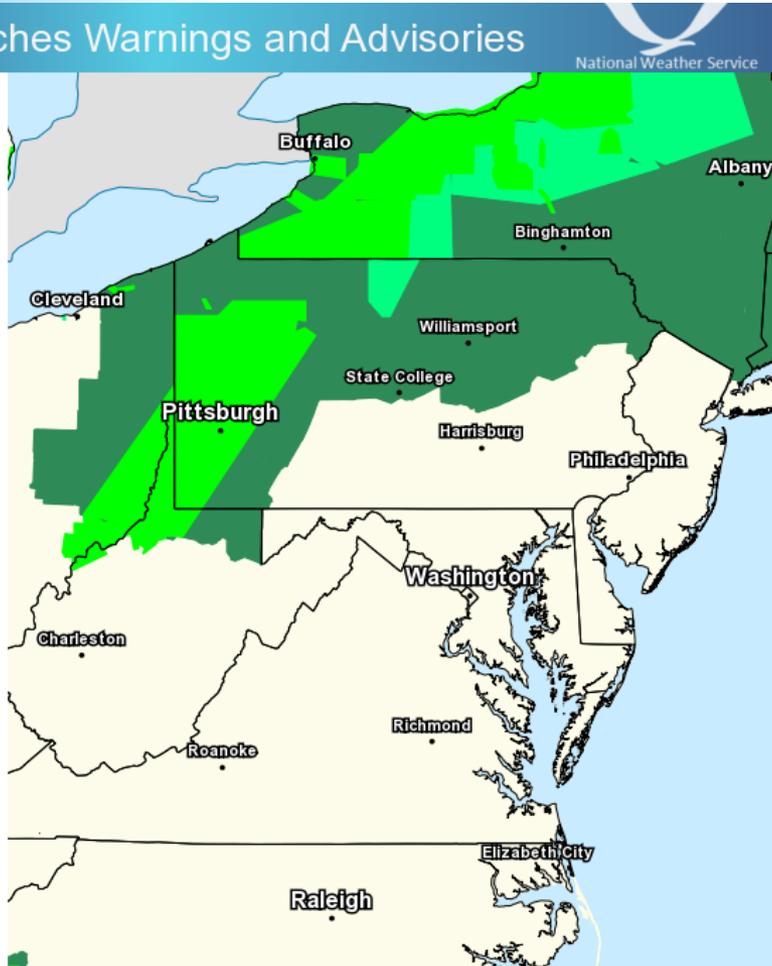
- 0 Gauges: Major Flooding
- 0 Gauges: Moderate Flooding
- 1 Gauges: Minor Flooding
- 13 Gauges: Near Flood Stage
- 191 Gauges: No Flooding
- 1 Flood Category Not Defined
- 0 At or Below Low Water Threshold
- 0 Gauges: Forecasts Are Not Current
- 11 Gauges: No forecast within selected timeframe
- 2 Gauges: Out of Service



- Forecasts account for snow pack, soil moisture, recent rain and snow, and forecast rain and snow
- Forecasts do not account for possible ice jams

Flood Watches

Flood Watches Warnings and Advisories



Graphic Created
January 12th, 2018
10:09 AM EST

- Flood watches and warnings are currently in effect
- Watches are primarily associated with possible ice jams

Latest Forecast Information

Information in this briefing package may change with updated forecast information. Please refer to the offices below for the latest official forecasts

Office	Web Page	Social Media
Binghamton, NY	http://weather.gov/bgm	@NWSBinghamton
Blacksburg, VA	http://weather.gov/rnk	@NWSBlacksburg
Mount Holly, NJ	http://weather.gov/phi	@NWS_MountHolly
State College, PA	http://weather.gov/ctp	@NWSStateCollege
New York City, NY	http://weather.gov/okx	@NWSNewYorkNY
Sterling, VA	http://weather.gov/lwx	@NWS_BaltWash
Wakefield, VA	http://weather.gov.akq	@NWSWakefieldVA

Forecasts also available on the AHPS web site: <http://water.weather.gov>
Or the MARFC web site: <http://www.weather.gov/marfc>

Contact and Next Briefing Information



Next Briefing
When: Noon on Sat., January 13
Method: Email

Briefing Webpage:
http://www.weather.gov/marfc/self_briefing



Web:
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Disclaimer: *The information contained within this briefing is time-sensitive, do not use after January 13, 2018*